

ENVIRONMENTAL DESIGN

2022/23. 1. SEMESTER

COURSE NAME	Környezettervezés		Environmental Design
COURSE CODE	YAWENDEMNF		
DEPARTMENT	Óbuda University, Ybl Miklós Faculty of Architecture and Civil Engineering, Institute of Architecture		
PROGRAMME, TRAINING	Architect MSc		Full time
COURSE INSTRUCTOR (Instructor managing the course)	Fácányi Zsuzsa PhD	faczanyi.zsuzsa@ybl.uni-obuda.hu	Office hours by Email arrangement, in online form
LECTURERS	Molnár Gábor Levente	molnarglevente@gmail.com	Consultation: via e-mail. In case of online course by ZOOM and e-mail.
PRE-REQUIREMENT	3 semesters Architectural Design		
HOURS OF LECTURES (WEEKLY)	4 hours		
HOURS OF CLASSROOM TRAINING/ LABORATORY TRAINING (WEEKLY)	0 hours		
FIELD WORK AND TRAINING (WEEKLY)	0 hours		
ASSIGNMENT	Midterm assignment. and/or exam.		
CREDITS	5 credits (ECTS)		
AIM OF THE COURSE, BRIEF DESCRIPTION	The aim of the course is to provide the students with basic knowledge of Environmental Design. In the course the students learn the basics, the typologies and the planning methodology of landscape architecture.		
RECOMMENDED LITERATURE	DEE Catherine: Form and Fabric in Landscape Architecture. Routledge, New York, 2003. STARKE Barry, ORMSBEE SIMONDS Barry: Landscape Architecture, Fifth Edition. McGraw-Hill, New York, 2013. UFFELEN Chris van, ATNER Anna: 1000x Landscape Architecture. Braun Publishing, Salenstein, 2009.		
REQUIRED TECHNICAL APPLIANCES/ SOFTWARE	In the case of online education: Contact: Neptun, E-learning and E-mail. Education materials: According to E-learning Lessons: E-learning, ZOOM		

SCHEDULE OF THE SEMESTER				
WEEK	LECTURE	LECTURER	FORM	TASK
1.	Introduction to Landscape Architecture, its methodology and typology.	MGL	online	Description of the assignment.
2.	The connection between architecture and landscape. Land-Art.	MGL	online	-
3.	Consultation of Midterm Assignment.	MGL	online	Consultation of the assignment: topic selection.
4.	Urban Green Areas and Codes for Planning. Parks and Recreational Design.	MGL	online	-
5.	City open space, parks and recreational design.	MGL	online	-
6.	Residential and Private Gardens.	MGL	online	-
7.	Institute and Facility Gardens (educational, medical, sport, office).	MGL	online	-
8.	Consultation of Midterm Assignment.	MGL	online	Consultation of the assignment.
9.	Industrial Areas and Waterfront Planning.	MGL	online	-
10.	Sustainable environmental design (green roofs and facades, water management).	MGL	online	-
11.	Heritage Protection – Design and Management of Historical Parks, Gardens, Sites.	MGL	online	-
12.	Designing Natural Sites and Educational Trails.	MGL	online	-
13.	Smart-technologies in urban space.	MGL	online	Consultation of the assignment, 90% readiness level, final signature for the assignment.

REQUIREMENTS FOR THE COMPLETION OF THE COURSE		
MID-SEMESTER TASKS AND TESTS		
Requirement	Description	Points
PARTICIPATION AT LESSONS	The lectures can be missed up to three times (see § 46 ETVSZ)	-
IN CASE OF ABSENCE FROM LESSONS AND EXAMINATIONS	Absence is considered to be justified with a medical certificate presented.	-
Short description of the TASKS	<p>An existing open space (square, park, street, garden, etc.) re-design what is selected together with the teacher of the course. The student has to make research and planning work (by drawings and text parts) to the selected open space.</p> <p>SUBMISSION: 2 pieces of A3 size boards. The final format of the boards and processing technics are not binding, but it must be agreed with the teacher of the course.</p> <p>TOPICS OF THE BOARDS: 1.: Site plan for the selected area (square, park, street, garden, etc.) with cross section(s), with mass modelling or 3D renders/visualizations. 2.: Analysing and proposal with texts, comments, descriptions, with other graphic elements for the explanation.</p> <p>Task is mandatory!</p>	60 points
TOTAL		60 points

SEMESTER CLOSING REQUIREMENTS					
CONDITIONS FOR OBTAINING A SIGNATURE	MIDTERM ASSIGNMENT fulfilment to minimum 30 points.				
SEMESTER GRADE	0-29 Point	30-37	38-45	46-53	54-60
	1 FAIL	2 PASS	3 SATISFACTORY	4 GOOD	5 EXCELLENT